

**REMARKS**

This is intended as a full and complete response to the Office Action dated April 21, 2005, having a shortened statutory period for response set to expire on July 21, 2005. Please reconsider the claims pending in the application for reasons discussed below.


Claims 1 - 20 remain pending in the application and are shown above. Claims 1, 2, 7, 10, 15, and 16 have been cancelled by Applicant. Claims 1 - 20 are rejected. Reconsideration of the rejected claims is requested for reasons presented below. Claims 3-5, 8, and 17-20 are amended to be in independent form.

Claims 1-14 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-26 of U.S. Patent No. 6,589,352. Claims 1-14 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-14 of U.S. Patent No. 6,521,292 in view of *Hayashi* (US 6,368,450). A terminal disclaimer is enclosed. Withdrawal of the rejections is respectfully requested.

Claims 1, 2, 7, 10, 15 and 16 are rejected under 35 U.S.C. §102(b) as being anticipated by EP 0553691. Claims 1, 2, 7, 10, 15 and 16 are canceled. Withdrawal of the rejection is respectfully requested.

Having addressed all issues set out in the office action, Applicant respectfully submits that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,



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